

SIEVING ERROR: 1.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-93-2_425**

ANALYST & DATE: TB/RM, 7/29/93

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.2%		
MODE 2:	193.5	2.375	SAND: 98.8%	MEDIUM SAND: 35.0%		
MODE 3:			MUD: 1.2%	FINE SAND: 51.6%		
D_{10} :	127.7	1.379		V FINE SAND: 7.9%		
MEDIAN or D_{50} :	217.5	2.201	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.2%		
D_{90} :	384.6	2.970	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.013	2.154	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	256.9	1.591	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.670	1.405	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	113.1	0.740	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	244.4	219.5	2.188	216.7	2.206	Fine Sand
SORTING (σ):	123.3	1.570	0.651	1.526	0.610	Moderately Well Sorted
SKEWNESS (Sk):	2.229	0.032	-0.032	0.026	-0.026	Symmetrical
KURTOSIS (K):	11.39	3.968	3.968	1.202	1.202	Leptokurtic

GRAIN SIZE DISTRIBUTION